

Amendments to the Title:

Please replace the Title with the following:

~~MODEL CONTENT PROVIDER WITH REUSABLE COMPONENTS FOR~~
SUPPORTING A PLURALITY OF GUI API'S

Amendments to the Abstract:

Please replace the Abstract with the following paragraph:

A user-friendly query modeling tool and method, for representing, creating, modifying and modeling a query language statement for use in retrieving data from a database. In accordance with the present invention, the tool includes a user interface for receiving or building and manipulating a query, a query model definition for use in populating instances of one or more query models, and a model content provider for receiving query elements from the user interface and providing them to the query model, and conversely, for retrieving query elements from the query model and providing them to the user interface. The model content provider has a hierarchical architecture including lower level API specific components for supporting a plurality of GUI API's, and higher level API-independent, reusable components. This architecture facilitates scalability in terms of adding support for new API's. the method includes translating a plurality of elements of a query model into objects that are independent of any type of data structure associated with the plurality of GUI APIs. The method also includes passing the translated objects from a model content provider to a first content viewer in communication with the model content provider, the first content viewer supporting multiple GUI APIs. The method also includes passing the translated objects from the first content viewer to a second content viewer. The method also includes using the second content viewer to manipulate the

translated objects into one or more types of data structures required by the specific GUI API for use by an application.